

## ARMY PROGRAMS

### Common Modular Missile (CMM)

**T**he Common Modular Missile (CMM) is intended to be the Army's anti-armor air-to-ground missile to replace the Hellfire II on its helicopters. A ground-to-ground requirement was dropped in FY02. There is a possible interest by the Navy, Marines, and Air Force for the system to be employed in a fixed wing configuration; backward compatibility with legacy platforms would be a requirement. The Army has established a requirement for 49,000 missiles.

This is a Pre-Major Defense Acquisition Program with the Milestone B currently scheduled for September 2003. The Full-Rate Production Decision is planned for FY09 with production through FY23.

#### TEST & EVALUATION ACTIVITIES

An Early Operational Assessment, scheduled for FY03, will provide information to support the Milestone B decision to enter the System Development and Demonstration phase in early FY08.

A Limited User Test, planned for FY07, will consist of force-on-force training exercises and live missile firings from both Army and Navy/Marine Corps aviation platforms. Evaluations of data from these events will support the Milestone C, the Low-Rate Initial Production decision, in FY07.

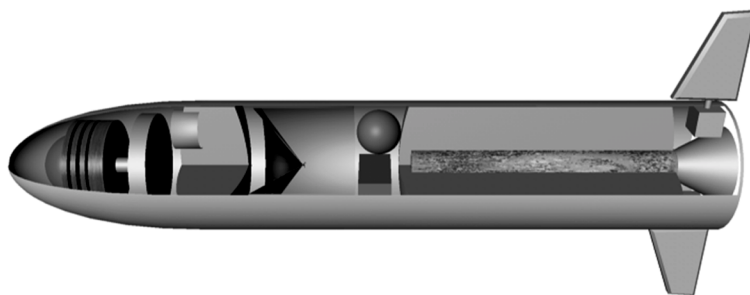
The Initial Operational Test and Evaluation (IOT&E), planned to occur in FY09, will consist of field training exercises and live missile firing exercises and will compare force effectiveness of a CMM equipped unit to a baseline-equipped unit.

Operational effectiveness, suitability, and survivability of a CMM equipped force will be examined and compared to a Hellfire II baseline-equipped force. During testing, potential incidents of fratricide and situational awareness in air-to-ground engagements will be examined. In addition, the adequacy of training devices will be determined. The Key Performance Parameters to be met include fire and forget accuracy, man in the loop accuracy, system effectiveness (including missile lethality) and range (minimum and maximum).

The Live Fire Test and Evaluation (LFT&E) Integrated Process Team has drafted an initial LFT&E strategy. It is expected that the LFT&E program will include three phases and will culminate in five live missile shots against representative threat targets.

#### TEST & EVALUATION ASSESSMENT

During future testing and evaluations platform compatibility effects of missile back blast and debris on helicopter in flight will be examined. Validation of training devices and real time casualty assessment will be conducted. The adequacy and sufficiency of the number of missile firings to demonstrate effectiveness and reliability will be reviewed. Procedures for correct identification of targets beyond line of sight will be examined.



*The Common Modular Missile is envisioned to replace the Hellfire II as the Army's helicopter missile.*

